

Public Works (1899) Department.

G.O., No. 1789 W

DATED 11th July 1899.

[Despatch Abstract.]

Mr A. W. Campbell, Assistant Engineer, 3rd grade.

Declaring — to have passed
on the 9th June 1899 the professional
examination prescribed in paras 24 & 25
Chapter II, Volume I of the P.W. Code

Dr

CURRENT No. 4986

No. ~~316~~ 317 *h*

Dated 21st June 1899

Received

Registered

Enclosures One Copy of questions

Spare copies

SUBJECT.

Note - The Supty. Engr. II Grade,
submits the report of the Com-
-mittee convened by the
Chief Engineer to examine
the

o Ls 236
R30/6

Sent again 3/7/77 ~~to 5/77~~

BACK PAPERS.

No.

Date.

G.O.

No.

FURTHER PAPERS.

No.

Date.

Country
Miles.

Mr. A. W. Campbell, Asst. Engr,
2nd Grade, for the professional
examination prescribed in paras
22 to 25, Chap II, Vol. I of the
P.W. Code. The Committee recom-
mend that Mr. Campbell be
declared to have passed, &
this recommendation may
be accepted.

Per

24/11/99

1-7-99

To

The Examine, P.W. Works
(as a Notif. for publi-
cation in the Gazette)

24/11/99

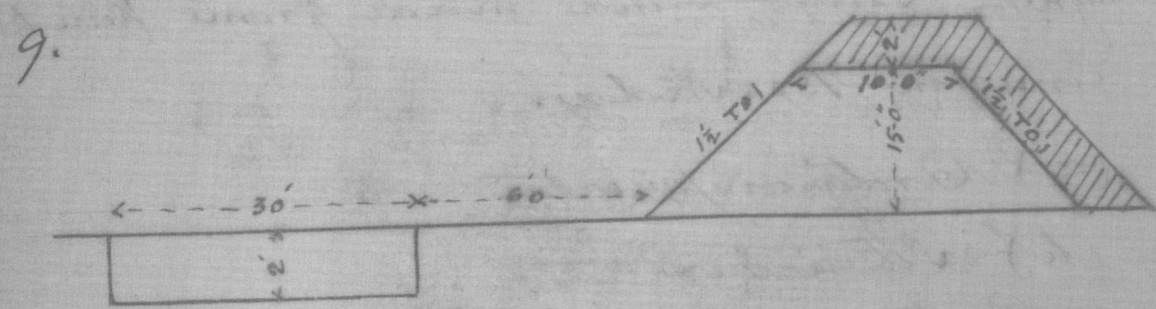
Materials and General Practice.

- What are the usual proportions of mortar
lime, Surki, Sand made from kumher
lime in Beavada.
(a) Ordinary mortar
(b) Surki mortar.
- How many gran tiles are required per
square of ordinary (country tile roofing)
What is the local rate for gran tiles
What is the pitch of Roof for country tiles
about What is the weight of a tiled roof
(flat open tiles) per sq ft.
- What are the Stock rates in Beavada of
(1) Broken stone ordinary for concrete
(2) Rough stone
- Describe how you would proceed to close
a breach in a canal through which
water was flowing 3 ft deep. The
width of the breach is about 100 feet
- Give a short specification for rubble
stone in ordinary mortar for the walls
of a building 1 1/2 to 2 ft. thick.
- Give quantities of material required of
(a) Rough stone in chunam
(b) Cement plaster 3/4" thick.
- Give rates for grouting with surki concrete
as for ancient.
Concrete in chunam } including carriage
Brick arch work }

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29550 30-6-99
24250 19-5-99
22620 4-5-99
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41630 21-9-98
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8. A channel is to be excavated, depth of water 3 ft of cutting 1 bed width 5 ft. Sketch a suitable section.



Take out rate for earthwork as above allowing sectioning as a separate item.

1.0

10. Sand and lime being suitable for mortar in the proportion of 2 of sand to 1 of lime, how many parabs of mortar would you expect to get by grinding 14 parabs of sand and 7 parabs of lime.

1.0

11. A channel has to be designed to irrigate 100 acres of land in the Delta what discharge would you provide for.

1.0

12. Repairs are to be carried out to Kankipad Lock where would you obtain the following materials and what would be the lead for them.

1.0

- Sand
- Lime
- Roughstone
- Poonki

13. The quantity of concrete required for a drainage slip is 200 cft

1.0

how many cub feet of broken stone would you indent for?

14. Give the units of measurements for the following items:-

- Roughstone in chunam
- Dry stone packing
- Earthwork
- Cut stone work
- Plastering
- Teakwood work
- Doors and windows
- Wrought Iron work
- Bolts and hinges.

0.8

Accounts.

1. On what form would you generally pay the first and last bills of
 - (a) a petty piece worker for supplies
 - (b) a contractor with a running account.
 May a bill on Hand receipt form be substituted for any of the above?
2. Would the following be considered as valid documents?
 - (1) an unstamped receipt for Rs 20 paid by a Sub-Divisional Officer in Cash
 - (2) an unstamped receipt for Rs 20 paid by a Sub-Divisional Officer by cheque.
 - (3) An unstamped receipt for Rs 200 given by a Sub-Divisional Officer for money received on behalf of Government.
3. If on counting the Cash it is found deficient or surplus what entries would you make in the Cash book to rectify the error in each case?
4. What are the three primary or initial accounts of a Sub-Divisional Officer. Under which of these would stores or materials received and used for a work be accounted?
5. How may a Sub-Divisional Officer be provided with funds for disbursement?

1.0

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1.0

1.0

1.0

7.6. Define an imprest

8.7. Whose authority is required for the opening of an imprest with a subordinate.

8. a large work is being done by contract. Work done in a month is measured and paid for. On what documents with the fact of payment having been made, appear.

0.75

9. What is the use of a write back order casual labour roll.

0.7

10. What is the rule regarding the taking of measurements in note books.

0.9

11. Describe the various parts of a Nominal Muster Roll and their use.

0.9

12. What are your duties with regard to excesses over estimates.

1.0

13. What is the essential difference between a contract and P. W. agreement.

0.5

14. What is a Work Abstract (day book) and what does it show.

1.0

15. What are the 2 classes or Sub-Divisions into which P. W. D. Stores are divided

1.0

16. What is the rule about writing cheques payable "to order" or "to bearer"

1.0

17. What is the rule about the mode of delivery of cheques to contractors.

Over

Recommendation & Remarks

The questions above recd were put (or ally) to W Campbell & the various members of the Committee.

The answers are considered of the Committee to have been satisfactory and especially so in the case of the questions on accounts.

The President needs a note of the percentage of marks on each question earned which is noted in the margin against the questions -

The members have generally concurred in the marking.

The report on the physical supply & efficiency of W Campbell required of para 23 P.W.B Code Vol II Ch II has already been submitted with the application for his examination.

It is recommended that W Campbell be considered to have passed the examination.

W. M. Ellis R.E. President
 Mr. J. S. Wilson Secretary
 Mr. M. R. Shargat Assistant Engineer
 Mr. M. R. Shargat Assistant Engineer
 15/6/99
 7/6/99

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Superintending Engineer's Office, II Circle,

BEZWADA Dated 21st June 1899

No. 3174

From

Captain W. M. Ellis R.E.

SUPERINTENDING ENGINEER,

II CIRCLE,

To

THE

Chief Engineer
 Public Works Department.

SIR,

Enclosures. /

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your telegram of 8th instant appointing a committee for the professional examination of Mr. Campbell Assistant Engineer.

I have to report that a committee constituted as under was assembled at Bezwada on the 9th inst. and held the examination in accordance with paras 23, 24 & 25 Chapter II Vol. I of P. W. Code.

Captain W. M. Ellis R.E.

officiating Suptg. Engineer II Circle.

Mr. J. S. Wilson Secretary Engineer

Mr. M. R. Shargat Assistant Engineer

} President.

} members.

2. A copy of the questions asked with the opinion of the Committee is appended for your orders.

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 4526/99

I have the honor to be

Sir,

Your most obedient servant,

Wm. W.

Captain R.E.

Superintending Engineer Nile.

AS
14/6/99 20/6/11